

## Best Practices in Science Teaching:

### *A Hands-On Approach to Effective Teaching and Learning in the Elementary Science Classroom*

(Registration # - 074-12)

*How can I fit it all in? Can I make room for science and still achieve the standards for language arts and mathematics? Absolutely! Integration through science will increase interest and motivation in your students while achieving your goals. This hands-on, excitement filled workshop will show you how. Each participant will receive a CD of lesson plans and resources.*

Reeda Hart, Outreach Specialist for the Center for Integrative Natural Science and Mathematics at Northern Kentucky University, will facilitate a two-day professional development to help you integrate science throughout your curriculum.



**Model Teaching, Demonstrations, and Discussions are utilized to teach topics like:**

#### **Inquiring into Science**

- Gobstopper Inquiry

#### **Science Literacy**

- Fiction and non-fiction science literature
- Writing in the science classroom

#### **Adventures in the Water Cycle**

- Globe Toss, Incredible Journey, Water Wonders,
- Dancing Raisins States of Matter
- Connections through Music and Movement
- Differentiating Instruction in the Science Classroom

#### **Mathematics is Everywhere**

- Pop Bottle Cars
- Formative Assessments in the Mathematics and Science Classroom

#### **Energy = Force and Motion**

- Energy, Force, and Motion
- Light, Sound, and Electrical Energy

#### **Trees, Plants, Flowers, and Seeds**

- Human Tree, Beanie Baby Necklaces, Plant Adaptations, Setting Potato Traps
- The Power of Music and Movement in the Classroom

#### **Rock On!**

- Rock Observations, Rock Cycle Game, Tic-Tac Weathering
- Using Science Process Skills

<b>For:</b>	<b>Elementary School Science Teachers and Curriculum Coordinators</b>
<b>Dates:</b>	<b>June 18<sup>th</sup> and 19<sup>th</sup>, 2012</b>
<b>Location:</b>	<b>Thompson Complex Western Kentucky University Bowling Green, KY</b>
<b>Time:</b>	<b>8:30-3:30 (CDT)</b> Registration and Lite Breakfast will begin at <b>8:00 a.m.</b> (Lunch on your own)
<b>Cost:</b>	<b>\$150.00 for GRREC members</b> <b>\$200.00 for non-GRREC members</b>
<b>Materials:</b>	<b>Each participant will receive a CD of lesson plans and resources.</b>

## **Registration Form**

**Best Practices in Scientific Inquiry:**  
*A Hands-On Approach to Effective Teaching  
and Learning in the Elementary Science Classroom*

**Registration # - 074-12**

**June 18 & 19, 2012**

**Thompson Complex on the Campus of WKU  
Bowling Green, KY**

**Costs - \$150.00 for GRREC members  
\$200 for non-GRREC members**

**\*\*\*space limited to 30 participants\*\*\***

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***Please Print:***

Name: \_\_\_\_\_ Position \_\_\_\_\_

Work Email Address \_\_\_\_\_ Work Phone \_\_\_\_\_

School District \_\_\_\_\_ School \_\_\_\_\_

Name of Organization \_\_\_\_\_ P.O. # \_\_\_\_\_  
(if not a school or school district) (required for registration)

Note: School districts (or schools) will be billed following the activity based upon registration. Cancellations must be made within five (5) working days of the activity to avoid being billed for fee. Substitutions will be allowed.

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**FAX THIS FORM TO GRREC AT (270) 563-2208**

**Registration Deadline: June 8, 2012**

Sponsored by

Green River Regional Education Cooperative  
230 Technology Way, Bowling Green, KY 42101

Phone: (270) 563-2113

**FAX: (270) 563-2208**

Toll Free 1-866-318-6648

[www.grrec.ky.gov](http://www.grrec.ky.gov)

Contact Brian Womack at (270) 563-2113 or [brian.womack@grrec.ky.gov](mailto:brian.womack@grrec.ky.gov) with questions.